

## IN-LINE-EYE LADUR-EYE (cont'd)

### Architectural Specifications

All DUR-O-WAL wire products are made with wire conforming to the ASTM Standard Specification for Cold Drawn Steel for Concrete Reinforcement, ASTM A82. DUR-O-WAL Stainless Steel material conforms to ASTM Standard Specifications A580, Type 304. I.L.E. Ladur-Eye conforms to ASTM A951.

### Applicable Standards

ASTM A951 for joint reinforcement.

Reference Specification	Finish	Coating*
ASTM A82 (for cold drawn steel wire)	Brite Basic <sup>2</sup>	uncoated
Regular Mill Galvanized ASTM A641 <sup>1</sup>	Mill Galvanized	0.10 ounce zinc coating*
ASTM A641 Class 1	Mill Galvanized	0.35 ounce zinc coating*
ASTM A641 Class 3	Mill Galvanized	0.90 ounce zinc coating*
ASTM A153 Class B-2**	Hot Dipped	1.5 ounce zinc coating*
ASTM A580	Stainless Steel Type 304	

\* Minimum ounces of zinc coating per square foot of uncoated wire surface

<sup>1</sup> BOCA and SBCC Codes allow this finish for interior walls

<sup>2</sup> Brite Basic wire acquires rust in warehousing, transit, and job site storage. Therefore, DUR-O-WAL does not assume any responsibility for rusted material

**\*\*Specify and insist on DUR-O-WAL! DUR-O-WAL will certify on request that its hot dip galvanized (ASTM A153) product will have a minimum of 2.0 oz. of zinc per square foot - 33% more corrosion protection than minimum standard requirements**

DUR-O-WAL does not recommend using epoxy coating for joint reinforcement, anchors, or ties.

- I.L.E. Ladur-Eye should be used when the backup wythe is reinforced vertically.

### Code Requirements for Adjustable Ties

- Use one tie for each 1.77 sq. ft. of wall area
- Neither horizontal nor vertical spacing shall exceed 16".
- Maximum misalignment of bed joints from one wythe to the other shall be 1 1/4"
- Maximum clearance between connecting parts of the ties shall be 1/16"
- Ties shall have at least two 3/16" diameter pintle legs.

### Installation

- Each system is installed in the same way as conventional Ladur type wall reinforcing
- Each system is installed with the eye extending into the collar joint cavity space or just past the rigid insulation.
- Pintle sections are inserted into the eye and extended a minimum of 1 1/2" into the exterior wythe.
- Pintles can be installed up or down.

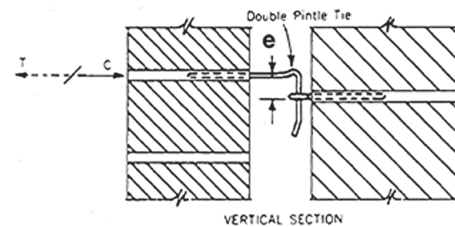
### Sizes Available

- For Block Sizes: 6"-12"
- Finishes: Galvanized, Hot-Dipped, Stainless Steel
- Insulation: 0-4" with 1/2" increments
- Wire sizes: 9 gauge, 3/16" (super heavy and extra heavy), 8 gauge

### Assembly Capacity (lbs.)

#### I.L.E. Ladur-Eye

Description	Average Ultimate Load
<b>Standard I.L.E. Ladur-Eye Assembly 3/16" dia. pintle / 3/16" eye; Capacity-Tension/Compression</b>	
0" Eccentricity (e)	980 lbs.
3/4" Eccentricity (e)	200 lbs.
1 1/4" Eccentricity (e)	100 lbs.
Pintle pull/push out from mortar	800 lbs.



### Limitations/Precautions

The information contained in this publication does not constitute any professional opinion or judgment and should not be used as a substitute for competent professional determinations. Each construction project is unique and the appropriate use of this product is the responsibility of the engineers, architects, and other professionals who are familiar with the specific requirements of the project.

### Warranty

Seller makes no warranty of any kind, express or implied, except that the goods sold under this agreement shall be the standard quality of the seller, and buyer assumes all risk and liability resulting from the use of the goods, whether singly or in combination with other goods. Seller neither assumes nor authorizes any person to assume for seller any other liability in connection with the sale or use of the goods sold, and there is no oral agreement or warranty collateral to or affecting this transaction.

